

SEP 27 2006

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200207388-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): John J. Wu et al

Confirmation No.: 2092

Application No.: 10/653,020

Examiner: Cynthia H. Britt

Filing Date: August 30, 2003

Group Art Unit: 2138

Title: Shift Redundancy Encoding for Use with Digital Memories

Mail Stop Amendment
Commissioner For Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.97 (b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first action on the merits; whichever occurs last)
- ☒ under 37 CFR 1.97 (c), together with either a:
☐ Statement under 37 CFR 1.97 (e), or
☒ a \$180 fee under 37 CFR 1.17 (p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d), together with either a:
☐ Statement under 37 CFR 1.97 (e)(1) or (2), and
☐ a \$180 fee set forth in 37 CFR 1.17 (p)
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$ 180.00 . At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

Applicant(s) submit herewith form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

- ☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an english language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed.

It is requested that the information disclosed herein be made of record in this application.

- ☐ I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:
Commissioner for Patents, Alexandria, VA 22313-1450

Date of Deposit:

OR

- ☒ I hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number (571) 273-8300
Date of facsimile: September 27, 2006

Typed Name: Robin A. Matachun

Signature: Robin A. Matachun

Rev 1005 (IDSCert)

Respectfully submitted,

John J. Wu et al

By Robert Plotkin

Robert Plotkin, Esq.

Attorney/Agent for Applicant(s)

Reg No. : 43,861

Date : September 27, 2006

Telephone : 978-318-9914

09/28/2006 11:01:11 00000054 082025 10653020
01 FC:1806 108.03 DA

BEST AVAILABLE COPY

SEP 27 2006

PTQ/SB/08A (08-03)

Approved for use through 07/31/2008. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.</p>													
<p>Substitute for form 1449/PTO</p> <p style="text-align: center; font-size: 1.2em; font-weight: bold; margin: 10px 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p style="text-align: center; font-style: italic;">(Use as many sheets as necessary)</p>	<p style="text-align: center; font-weight: bold; margin-bottom: 5px;"><i>Complete if Known</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px 5px;">Application Number</td> <td style="padding: 2px 5px;">10/853,020</td> </tr> <tr> <td style="padding: 2px 5px;">Filing Date</td> <td style="padding: 2px 5px;">August 30, 2003</td> </tr> <tr> <td style="padding: 2px 5px;">First Named Inventor</td> <td style="padding: 2px 5px;">John J. Wu et al</td> </tr> <tr> <td style="padding: 2px 5px;">Art Unit</td> <td style="padding: 2px 5px;">2138</td> </tr> <tr> <td style="padding: 2px 5px;">Examiner Name</td> <td style="padding: 2px 5px;">Cynthia H. Britt</td> </tr> <tr> <td style="padding: 2px 5px;">Attorney Docket Number</td> <td style="padding: 2px 5px;">20027388-1</td> </tr> </table>	Application Number	10/853,020	Filing Date	August 30, 2003	First Named Inventor	John J. Wu et al	Art Unit	2138	Examiner Name	Cynthia H. Britt	Attorney Docket Number	20027388-1
Application Number	10/853,020												
Filing Date	August 30, 2003												
First Named Inventor	John J. Wu et al												
Art Unit	2138												
Examiner Name	Cynthia H. Britt												
Attorney Docket Number	20027388-1												

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 1

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

BEST AVAILABLE COPY